

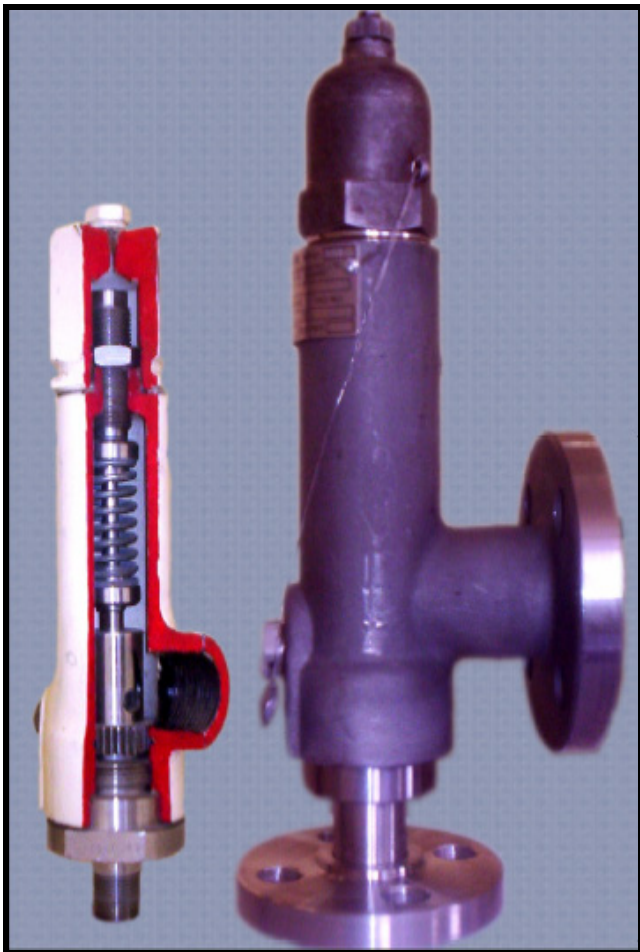


MEKASTER  
ISO 9001 : 2008

SAFETY RELIEF VALVES SCREWED AND FLANGED TYPE

## SERIES S14/S15

FULL LIFT AND FULL NOZZLE  
STEAM, GAS OR LIQUID SERVICE  
1/2" TO 1" (SCREWED / FLANGED)  
SET PRESSURE UPTO 102BAR



### DESIGN FEATURE

- End connection screwed (BSP or NPT) or flanged
- Adjusting ring
- Inlet connection screwed male or female
- Screwed Full Nozzle
- Flanges according to ANSI B 16.5
- ISO PN Flanges (On Request)
- Suitable for Thermal Relief applications

### CONSTRUCTION

#### Body Materials

- Carbon Steel
- Stainless Steel
- Cr Mo Steel
- Low temperature Steel
- Nickel Copper Alloy
- Alloy 20

### ACCESSORIES

- Test Gag
- Lifting Lever
- Nozzle & Disc Stellite
- Metal to Metal Seat



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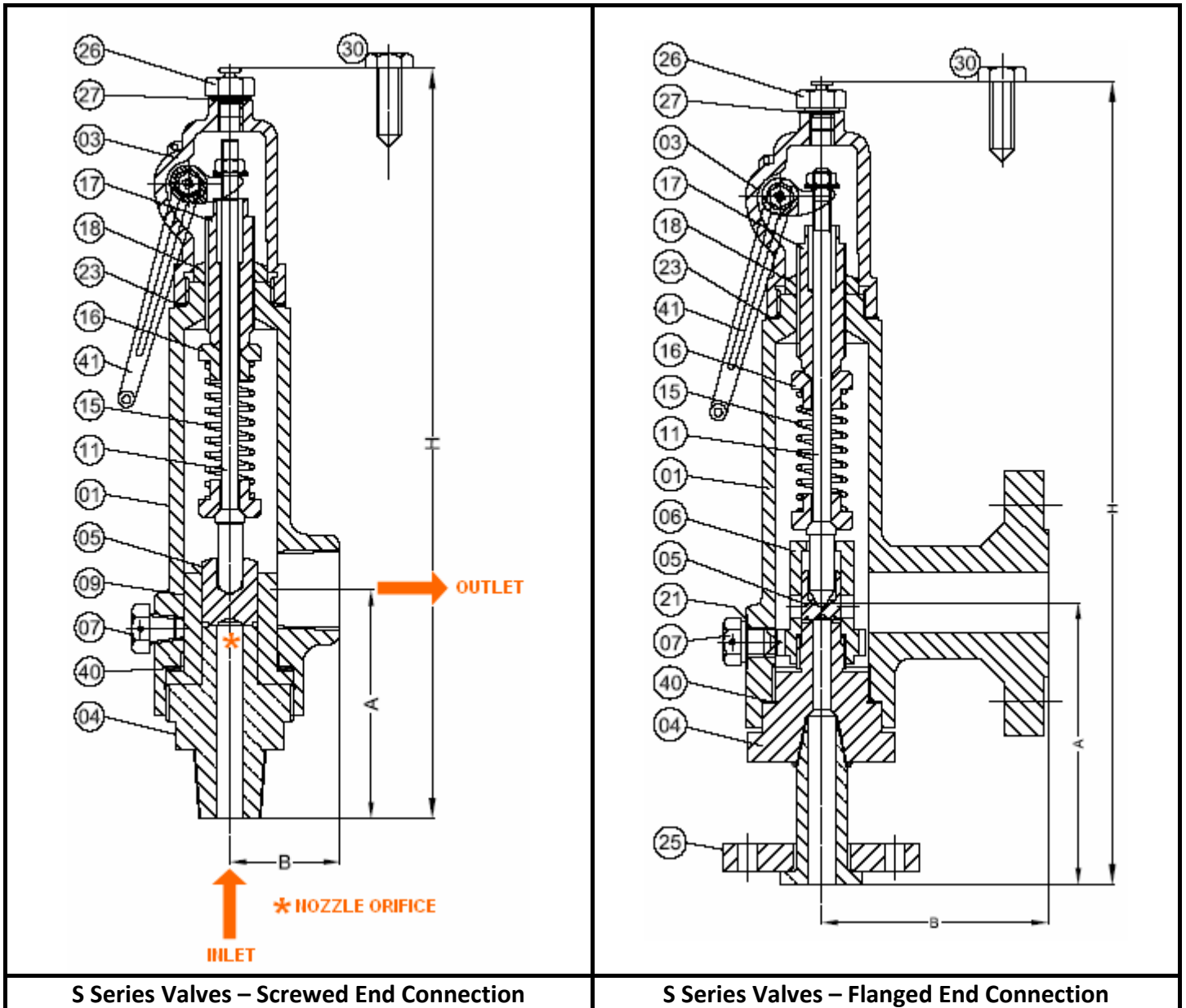
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### PART LIST

PART LIST		CARBON STEEL	STAINLESS STEEL (FOR LOW TEMP AND CORROSIVE SERVICES)
PART NO.	DESCRIPTION	TEMP -29°C TO 250°C	TEMP -196°C TO 250°C
01	Body	A 216 GR WCB	A 351 GR CF 8M
03	Cap	C S/ WCB	SS / CF8M
04 (R)	Nozzle	SS – 316	SS – 316
05 (R)	Disc	SS – 316	SS – 316
*06	Adj. Ring	A 351 GR CF8M	A 351 GR CF8M
07	Adj. Ring Pin	SS – 304	SS – 304
09	Guide	SS – 316 / CF8M	SS – 316 / CF8M
11	Spindle	SS – 304	SS – 304
15 (R)	Spring	C.S.	S.S.
16	Spring Washer	C.S.	S.S.
17	Adj. Screw	SS – 304	SS – 304
18	Lock Nut	C.S.	SS
21	Set Screw Gasket	PTFE	PTFE
22 (R)	Gasket	PTFE	PTFE
23 (R)	Cap Gasket	PTFE	PTFE
25	Inlet Flange	ASTM A 105	ASTM A 182 F 316
26	Cap Plug	CS	S.S.
27 (R)	Plug Gasket	PTFE	PTFE
30	Test Gag	CS	S.S.
40	Nozzle Gasket	PTFE	PTFE
41	Lever Assembly	A 479 410	A 479 304

\* - Not applicable for S14 series Safety Relief Valves

(R) Recommended Spare Parts

- Other materials available on request

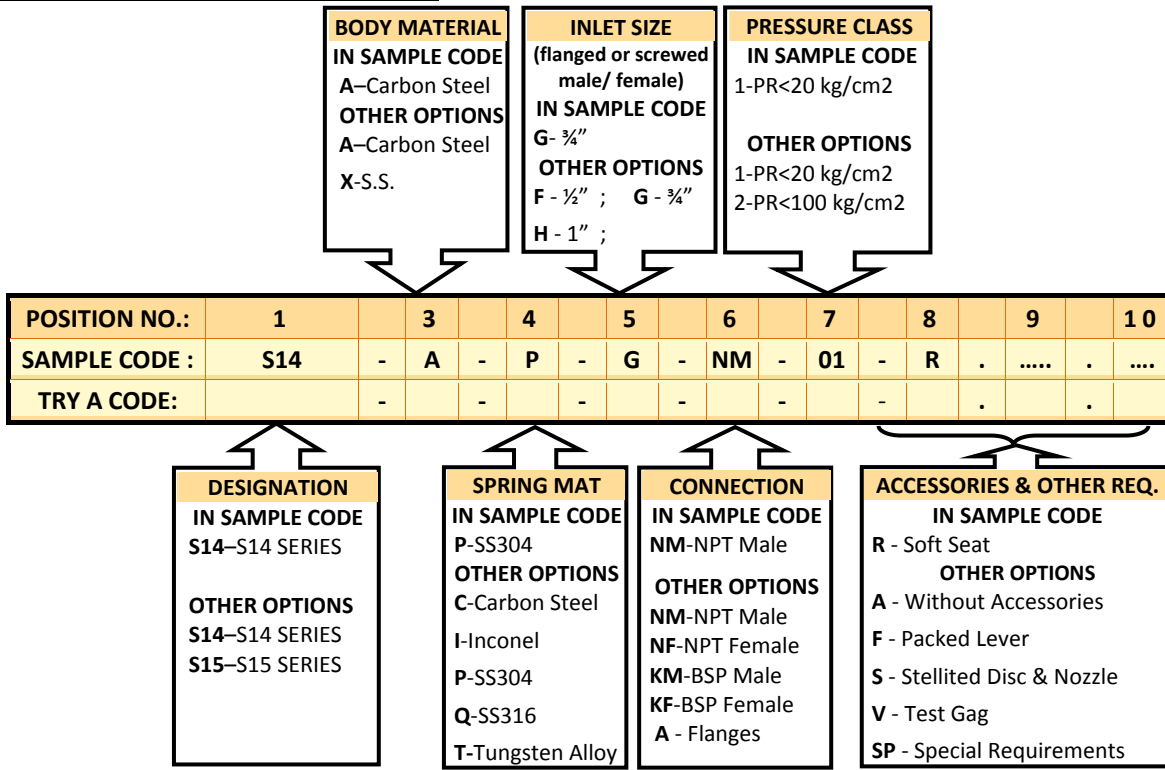


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## SERIES S14/S15

### DE-CODIFICATION PLAN



ORIFICE		PRESSURE CLASS	CONNECTION – BSP/NPT		MAX SET PRESSURE AT 38 °C (BAR-g)	DIMENSION - SCREWED CONNECTION			APPROX WEIGHT KG
Designation	Act. Area (cm2) SQ inch		Inlet Male	Outlet Female / Flanged		±3 A mm	±3 B mm	±20 H mm	
S14	(1.76)	1/2	3/4"	1"	102	93	45	285	3.5
	0.27	1/2	1"	1"	102	93	45	285	3.5
S15	(0.38) 0.06	1/2	1/2"	1"	102	93	45	285	3.5
		1/2	3/4"	1"	102	93	45	285	3.5
		1/2	1"	1"	102	93	45	285	3.5
<b>FOR FLANGED VALVES</b>						122	82	316	